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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets necessary)				<b>COMPLETE IF KNOWN</b>	
				Application Number	09/593,547
				Filing Date	June 14, 2000
				First Named Inventor	J. HEINONEN
				Group Art Unit	2734
				Examiner Name	(Unknown)
<b>SHEET</b>	1	<b>OF</b>	1	Docket Number	1999-0336B (STG182) (103567-157990)

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (If known)			
Em		3,571,717	A	Monrolin	03/23/71	Abstract
Em		5,596,606		Montreuil	01/21/97	Figure 5

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (If known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>

Examiner Signature	<i>[Signature]</i>	Date Considered	October 14, 2003
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two letter-code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (If known)				
BW		EP	0 453 203 A		Telebit Corp.	10/23/91	Page 4, line 20 - page 7, line 19	

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Examiner Signature	<i>William M.</i>	Date Considered	October 16, 2003
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		Filing Date	June 14, 2000
		First Named Inventor	J. HEINONEN
		Group Art Unit	2734
		Examiner Name	(Unknown)
		Docket Number	1999-0336B (STG182) (103567-157990)

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		Number	Kind Code <sup>2</sup> (If known)			
GA		5,351,235		LAHTINEN	09/27/01	

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SHEET 1 OF 1

<b>Form PTO-1449</b> <b>INFORMATION DISCLOSURE CITATION</b> <b>IN AN APPLICATION</b> (Use Several Sheets If Necessary)				Docket No: 1999-0336B (STG 182)		Application No: 09/593,547	
				Applicant: J. Heinonen et al.			
				Filing Date: 6/14/2000		Group Art Unit: (unknown)	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
Am	5,596,582	01/21/97	Sato et al.	370	509		
Am	5,774,450	06/30/98	Harada et al.	370	206		
<b>FOREIGN PATENT DOCUMENTS</b>							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
Am	A1	Lawrey, Eric, OFDM Results, <a href="http://www.eng.jcu.edu.au/eric/thesis/Thesis">http://www.eng.jcu.edu.au/eric/thesis/Thesis</a> , <a href="http://www.eng.jcu.edu.au/eric/thesis/chapter1.htm">http://www.eng.jcu.edu.au/eric/thesis/chapter1.htm</a> (September 24, 1999), <a href="http://www.eng.jcu.edu.au/eric/thesis/chapter2.htm">http://www.eng.jcu.edu.au/eric/thesis/chapter2.htm</a> and <a href="http://www.eng.jcu.edu.au/eric/thesis/appendix.htm">http://www.eng.jcu.edu.au/eric/thesis/appendix.htm</a> , November 5, 1999 (56 pgs)					
Am	A2	Speth, Michael, OFDM Receivers for Broadband-Transmission, OFMD, <a href="http://www.ert.rwth-aachen.de/Projekte/Theo/OFDM/www_ofdm.html">http://www.ert.rwth-aachen.de/Projekte/Theo/OFDM/www_ofdm.html</a> ..... <a href="http://www.ert.rwth-aachen.de/Projekte/Theo/OFDM/www_ofdm.html">node1.html</a> through <a href="http://www.ert.rwth-aachen.de/Projekte/Theo/OFDM/www_ofdm.html">node9.html</a> , November 8, 1999 (15 pgs)					
	A3	Speth, Michael, et al., "Broadband Transmission Using ODM: System Performance and Receiver Complexity", (7 pgs) (date unknown)					
EXAMINER <i>James M...</i>				DATE CONSIDERED <i>October 14, 2003</i>			
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(2/92 PTO)

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		Filing Date	14 June 2000
		First Named Inventor	J. Heinonen et al.
		Group Art Unit	2734
		Examiner Name	Unknown
SHEET	OF	Docket Number	1999-0336B (STG182)

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GM		5,799,000		HOOLE	08-25/1998	

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (If known)				
GM		PCT	WO 98/19410		DISCOVISION ASSOCIATES	05-07-1998		
GM		EPO	91303289.2		TELEBIT CORPORATION	04-15-1991		

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GM	A1	PCT, INTERNATIONAL SEARCH REPORT FOR PCT/US 00/ 40231, Mailed 20 October 2000, (4 pgs.)	
GM	A2	ZAMAN, S.U. ET AL., "Use of the DFT for Synchronization in Packetized Data Communications", IEEE, 19 April 1994, pp. III-261 - III-264, Publisher unknown	
GM	A3	YOOH, J.H. ET AL., "On Synchronizing and Detecting Multi-carrier CDMA Signals", IEEE, 6 November 1995, pp. 512-516, Publisher unknown	

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